

SITE VISIT HEALTH AND SAFETY PLAN (HASP)

(Needs to be completed 24 hours prior to site visit)

Prepared by: Michael T. Browning

W.O. Number: 20405.012.001.2279.00 Date: 1/23/2014

Project Identification

Office: Troy, MI
Site Name: *Detroit Windshield Survey*
Client: USEPA
Work Location Address: Various

Site History:

The City of Detroit referred a total of 73 properties to U.S. EPA for potential site assessment and removal action activities. U.S. EPA and START will be performing the following tasks as part of the windshield surveys for these properties: documenting (written and photographic) site conditions and potential threats to human health, human welfare, and the environment; and completing a short one page write-up on each property to assist in determining what kind of removal/further assessment, if any, is necessary. There is a likelihood that some type of assessment will occur on each of the properties at a later time and under separate TDDs. The windshield surveys are scheduled to begin on January 27, 2014. The following properties, all of which are in Detroit, MI, will be the subjects of the windshield surveys:

- | | |
|----------------------|----------------------|
| 1. 585 S SOLVAY | 38. 227 S MORRELL |
| 2. 440 S SOLVAY | 39. 1184 MORRELL |
| 3. 564 S SOLVAY | 40. 230 S MORRELL |
| 4. 501 CROSSLEY | 41. 466 S CAMPBELL |
| 5. 8129 W JEFFERSON | 42. 522 S CAMPBELL |
| 6. 8141 W JEFFERSON | 43. 418 S CAVALRY |
| 7. 8023 THADDEUS | 44. 745 MILITARY |
| 8. 8361 THADDEUS | 45. 341 MILITARY |
| 9. 9116 THADDEUS | 46. 335 MILITARY |
| 10. 9110 THADDEUS | 47. 212 S MILITARY |
| 11. 8124 THADDEUS | 48. 218 S MILITARY |
| 12. 8040 THADDEUS | 49. 226 S MILITARY |
| 13. 8941 KELLER | 50. 304 S MILITARY |
| 14. 9015 KELLER | 51. 7847 MEDINA |
| 15. 9143 KELLER | 52. 7925 W JEFFERSON |
| 16. 9059 LYON | 53. 6420 SOUTH |
| 17. 9139 MELVILLE | 54. 6414 SOUTH |
| 18. 9281 MELVILLE | 55. 6410 SOUTH |
| 19. 9276 MELVILLE | 56. 6402 SOUTH |
| 20. 9146 MELVILLE | 57. 7837 MELVILLE |
| 21. 9057 DEARBORN | 58. 7841 MELVILLE |
| 22. 8633 DEARBORN | 59. 728 RADEMACHER |
| 23. 280 S HARBAUGH | 60. 730 RADEMACHER |
| 24. 2836 PORTER | 61. 511 SCHROEDER |
| 25. 3541 HOWARD | 62. 521 S POST |
| 26. 6208 W JEFFERSON | 63. 605 S HARRINGTON |
| 27. 5822 W JEFFERSON | 64. 516 S HARRINGTON |
| 28. 5873 REEDER | 65. 546 S HARRINGTON |
| 29. 5866 REEDER | 66. 805 S GREEN |
| 30. 5652 HARVEY | 67. 589 S GREEN |
| 31. 5645 ANTHON | 68. 581 S GREEN |
| 32. 4625 W FORT | 69. 406 S GREEN |
| 33. 6155 W FORT | 70. 514 S GREEN |
| 34. 6249 W FORT | 71. 604 S GREEN |
| 35. 309 MCKINSTRY | 72. 702 S GREEN |
| 36. 194 SUMMIT | 73. 739 COTTRELL |
| 37. 317 S MORRELL | |

☒ Briefed by Client or Site Owner – Circle one: phone on-site

Scope of Work:

Three START members and two U.S. EPA OSCs will conduct the following activities as part of the windshield surveys: document (written and photographic) site conditions and potential threats to human health, human welfare, and the environment, and complete a short one page write-up on each property to assist in determining what kind of removal/further assessment action, if any, is necessary.

☒ Site visit only. List personnel here, and have personnel sign off:

I understand, agree to, and will conform with the requirements set forth in this Health and Safety Plan, and acknowledge the possibility and the risks inherent because all hazards may not known at this time:

Name	Signature	Date
Lori Kozel		
Michael Browning		
Matt Beer		

Regulatory Status:

Site regulatory status: CERCLA/SARA	RCRA	Other Federal Agency	HAZARD ASSESSMENT	List known on-site chemicals, biological, radiological, or physical hazards: (If any of these hazards are uncontrolled, or we are not provided with a knowledgeable, safety-conscious escort familiar with the site conditions, discuss with the Division EHS Manager prior to the visit.)
<input checked="" type="checkbox"/> U.S. EPA	<input type="checkbox"/> U.S. EPA	<input type="checkbox"/> DOE	<input type="checkbox"/> Chemical Hazards	
<input type="checkbox"/> State	<input type="checkbox"/> State	<input type="checkbox"/> USACE	<input type="checkbox"/> Biological Hazards	
<input type="checkbox"/> NPL Site	NRC	<input type="checkbox"/> Air Force	<input type="checkbox"/> Radiological Hazards	
<input checked="" type="checkbox"/> OSHA	<input type="checkbox"/> 10 CFR 20	<input type="checkbox"/> _____	<input type="checkbox"/> Physical Hazards	
<input checked="" type="checkbox"/> 1910	<input type="checkbox"/> 1926	<input type="checkbox"/> State	<input type="checkbox"/> Fire Danger	
			<input type="checkbox"/> Explosive Hazards	

Review and Approval Documentation:

Reviewed by: SO/DSM/CHS	Tonya Balla	Date: _____
	Name (Print)	Signature
Approved by: Project Manager	Lori Kozel	Date: _____
	Name (Print)	Signature

Hazard Assessment and Equipment Selection:

In accordance with WESTON's Personal Protective Equipment Program and 29 CFR 1910.132, the Project Manager has evaluated conditions and verified that Level D personal protective equipment is adequate and appropriate for this site visit. (Level D personal protection consists of a hard hat, safety glasses, safety shoes or boots, long pants, and a sleeved shirt). See Attachment __ for any additional PPE recommended/required.

Site visit date: January 27, 2014 and additional days, if required.

Vehicle Use Assessment and Selection

Driving is one of the most hazardous and frequent activities for WESTON Employees. The most appropriate type vehicle(s) authorized for use on this project is/are:

1. POV or Rental SUV
- 2.
- 3.
- 4.

The following Project Team Member's qualifications and experience in driving these types of vehicles was evaluated and found to be acceptable (indicate vehicle type(s) number next to employee name).

1. Lori Kozel
2. Michael Browning
3. Matt Beer
- 4.
- 5.
- 6.
- 7.
- 8.
- 9.
- 10.

The project site was evaluated and a **Traffic Control Plan** ☐ is required ☒ is not required.

If required, the **Traffic Control Plan** can be found in Attachment H.

CONTINGENCIES

Emergency Contacts and Phone Numbers

Agency	Contact	Phone Number
Local Medical Emergency Facility (LMF)	Detroit Receiving Hospital	313-745-3000
WorkCare WESTON Medical Director	Dr. Peter Greaney	From 6 am to 4:30 pm Pacific Time call 800-455-6155 and dial 0 for the Operator or ext. 475 for Heather Lind to request the on-call clinician.
WorkCare WESTON Program Administrator	Heather Lind	From 6 am to 4:30 pm Pacific Time call 800-455-6155 and dial 0 for the Operator or ext. 475 for Heather Lind to request the on-call clinician.
WESTON Corporate Environmental Health & Safety Director/WESTON Medical Programs Manager	Owen B. Douglass, Jr.	610-701-.3065 or 610-506-5392 (cell)
Local/Division WESTON Health and Safety	Div: Ted Deecke START: Tonya Balla	847-337-4147 847-918-4094, 847-528-2623 (cell)
Fire Department	City of Detroit	911
Police Department	City of Detroit	911
Client Site Contact	OSC Brian Kelly	734-740-9019
Client Site Contact	OSC Tricia Edwards	734-692-7687
Site Telephone or Nearest Telephone	Michael Browning	248-259-4761 (cell)

Local Medical Emergency Facility(s)

On-Site Medical Facility Available for Use: ☐ Yes – List below ☒ No – Use nearest medical facility – List below

Name of Hospital: Detroit Medical Center - Detroit Receiving Hospital

Address: 4201 Saint Antoine Street, Detroit, MI, 48201

Phone No.: 313-745-3000

Name of Contact: Emergency Room

Phone No.: 313-745-3300

Type of Service:

- ☐ Physical trauma only
- ☐ Chemical exposure only
- ☒ Physical trauma and chemical exposure
- ☒ Available 24 hours

Route to Hospital (written detail):

Insert directions from eMap such as MapQuest :

Hospital Routes and Maps for each Site are Attached.

Travel time from site:

15 min

Distance to hospital:

7.2 mi.

Name/no. of 24-hr ambulance service:

911 /

Figure 1 Mapquest or Google Map of Site Location



Trip to:
4201 Saint Antoine St
 Detroit, MI 48201-2153
 7.25 miles / 15 minutes

Notes

	702 S Green St, Detroit, MI 48209-2816	Download Free App
	1. Start out going southeast on Green St S toward Erie St. Map	0.1 Mi <i>0.1 Mi Total</i>
	2. Turn left onto Jefferson Ave W. Map	0.7 Mi <i>0.8 Mi Total</i>
	3. Turn left onto Dragoon St S. Map <i>Dragoon St S is just past S Livernois Ave</i> <i>If you reach S Military St you've gone a little too far</i>	0.5 Mi <i>1.3 Mi Total</i>
	4. Take the 2nd right onto Fisher Fwy W. Map <i>Fisher Fwy W is just past Fort St W</i> <i>If you reach Lafayette Blvd W you've gone about 0.1 miles too far</i>	0.04 Mi <i>1.3 Mi Total</i>
	5. Merge onto I-75 N via the ramp on the left. Map	5.0 Mi <i>6.3 Mi Total</i>
	6. Take EXIT 52 toward Mack Ave. Map	0.1 Mi <i>6.5 Mi Total</i>
	7. Stay straight to go onto Chrysler Dr. Map	0.5 Mi <i>6.9 Mi Total</i>
	8. Turn left onto Canfield St E. Map <i>Canfield St E is 0.1 miles past Superior St</i> <i>If you reach Forest Ave E you've gone about 0.1 miles too far</i>	0.2 Mi <i>7.1 Mi Total</i>
	9. Take the 2nd left onto St Antoine St. Map <i>St Antoine St is 0.1 miles past Chrysler Dr</i> <i>If you reach Brush St you've gone about 0.1 miles too far</i>	0.1 Mi <i>7.2 Mi Total</i>
	10. 4201 SAINT ANTOINE ST. Map	
	4201 Saint Antoine St, Detroit, MI 48201-2153	

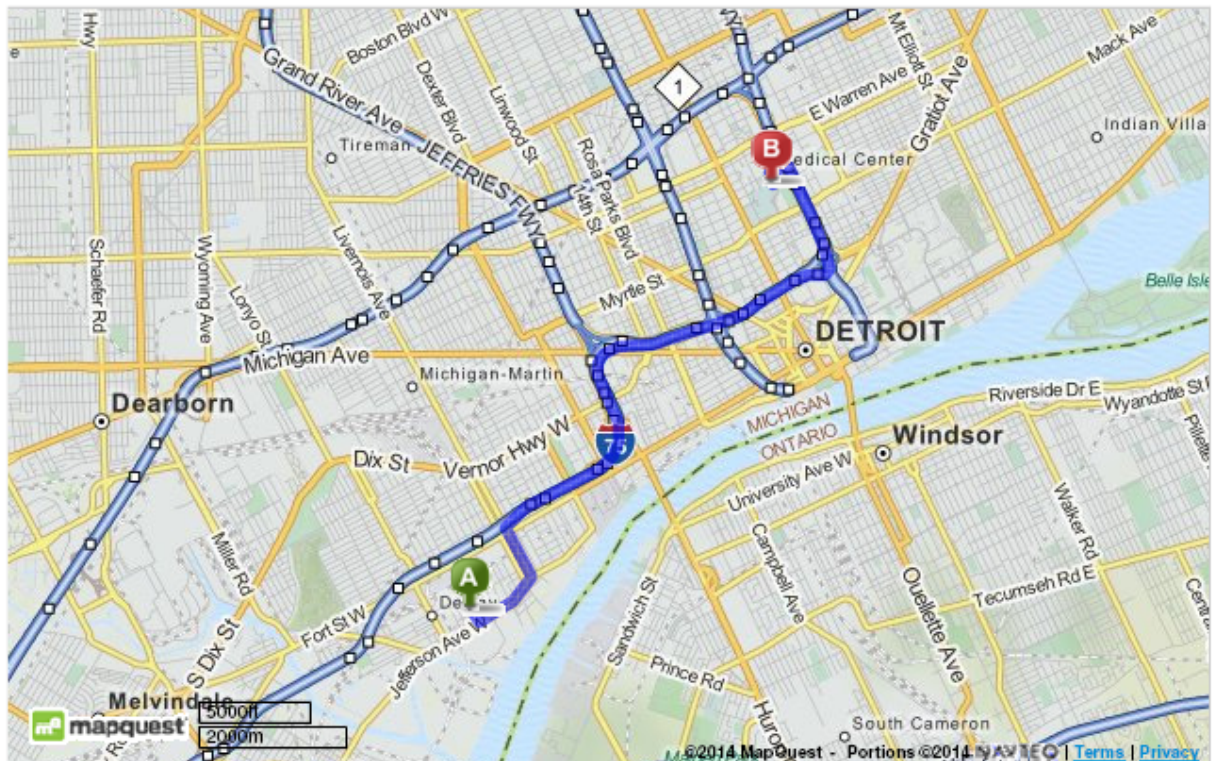
Total Travel Estimate: **7.25 miles - about 15 minutes**

FREE NAVIGATION APP

Enter your mobile number

SELECT: ☐ IPHONE ☐ ANDROID

SEND ME
THE LINK



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Figure 2—Route to Hospital (Yahoo Map)

(Need to verify nearest hospital has an emergency room and confirm hours of operation)

Detroit Receiving Hospital
4201 Saint Antoine Street, Detroit, MI, 48201
(313) 745-3000

Hospital Routes and Maps for Each Site are Attached.

BASIC SAFETY FOR SITE WALKS AND VISITS

Hazard Assessment

Hazard	Hazard Present	Protection/Risk Mitigation	Applicable Protection
Basic Industrial Plant		Level D PPE (See page 1)	
Chemical Hazards – Controlled (in tanks, piping, drums, containers with persons working around in Level D Protection or less.	?	Safety-Conscious Escort	No
Chemical Hazards – Uncontrolled, known spills or releases, personnel wearing respirators or other chemical protective PPE, tanks, piping, containers have not been maintained or secure. No safety-conscious escort available.	No	DEHSM review and approval or Full Safety Plan. Consider involving Field Safety Officer (FSO) or DEHSM in site visit.	Yes
Chemical Hazards – Building Materials Older Buildings. Old buildings may have chemical hazards such as asbestos, lead based paint. Mercury (in switches) PCB's in fluorescent light fixtures.	?	Was building constructed after 1990. Can depend on Safety Conscious escort as protective measure	?
Chemical Hazards – Older Buildings.	?	Pre 1990 – DEHSM review and approval or Full Safety Plan. Consider involving Field Safety Officer (FSO) or DEHSM in site visit.	?
Biological Hazards (Controlled medical waste, sewage, animals or animal droppings, poisonous plants, insects).	?	Safety Conscious Escort	No
Biological Hazards (Uncontrolled medical waste, sewage, animals or animal droppings, poisonous plants, insects (ticks, mosquitoes, stinging insects, fleas). No safety conscious escort available.	?	DEHSM review, medical waste, sewage, animals; animal droppings, plants insects -avoidance zones, Animals - mace or pepper spray; poison plants or insects - Ivy block and repellants. Consider involving FSO or DEHSM on site visit.	?
Radiological Hazards (Non-ionizing (microwave, infrared, radio-frequency, radar) and Ionizing.	No	Safety Conscious Escort. If unavailable Consider involving Safety Officer of DSM in site visit.	No
Physical Hazards	Yes	Safety Conscious Escort. If unavailable, talk through the check list below with the DEHSM and develop a plan or consider involving FSO or DEHSM in site visit.	Potential for uneven ground, debris, etc.
Will we have to access elevated unprotected walkways, platform, roofs?	No	Protective measures:	
Will there be moving equipment?	No	Protective measures:	
Will there be pinch points?	No	Protective measures:	
Will there be accessible exposed electric conductors?	No	Protective measures:	
Will the ambient temperatures exceed 70 degrees F?	No	Drink at least 8 ounces of water before visit. Avoid caffeine	Yes
Will the ambient temperature exceed 80 degrees F?	No	Drink at least 8 ounces of water before visit and avoid caffeine. Carry water with you.	Yes
Will the temperature be below 50 degrees F?	Yes	Jacket or windbreaker	Yes
Will the temperature be below 32 degrees F?	Yes	Cold weather clothing Drink at least 8 ounces of water before visit and avoid caffeine. Carry water with you. Watch for ice on driveways and walkways.	Yes
Is the elevation above a) 5000 ft; b: 7000 ft.?	No	a) If not acclimatized - pace yourself. b) If there are signs of elevation/altitude sickness (headache, lightheadedness, dry mouth) Drink water, have a snack ready and get top lower altitude as soon as possible.	
Is there a high probability of lightning?	No	Get indoors or under cover at first seeing lightning or sound of thunder. Wait for at least 30 minutes after last sound of thunder before resuming outdoor activity.	
Are buildings or structures unstable (signs of cracking on walls, caved in roofs, buckling or depressed floors, wet spots on floors, sagging utilities, unprotected floor openings, no or inadequate lighting?	?	Protective measures: do not enter buildings with questionable stability	
Is there uneven terrain?	?	Protective measures:	
Are there security issues?	?	Protective measures:	

Safety Equipment and Protection

Required	Recommended
Hard hat, Safety Glasses, Safety Shoes, cell phone, high intensity flashlight.	Disposable boot covers, rain gear, gloves -nitrile, gloves – leather, trash bags, Ivy Block, Insect repellent (DEET), animal spray repellent, walking stick, waterless hand wash.